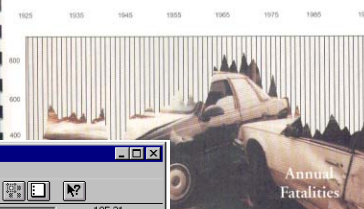


Data Name	Actual Name	Values	What it means
Fire_explo	Fire/Explosion	0 Unknown 1 None 2 Yes	
Hit_and_ru	Hit and Run	0 Unknown 1 None 2 With Motor Vehicle 3 With Non-Occupant 4 Driver Left Scene 0 Unknown	
Point_init	Point of Initial Impact	1 Front 2 Right Front 3 Right Side 4 Right Rear 5 Rear 6 Left Rear	

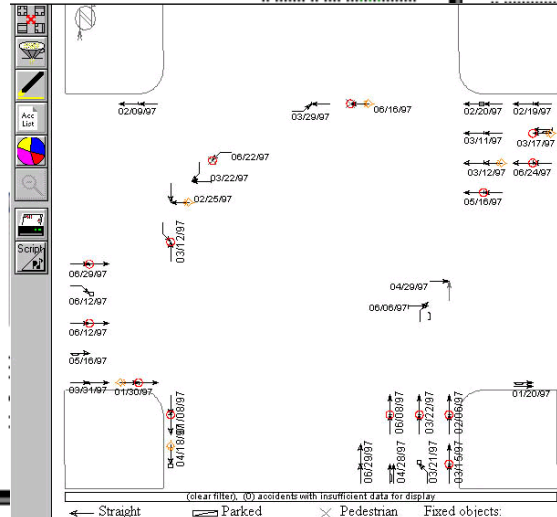
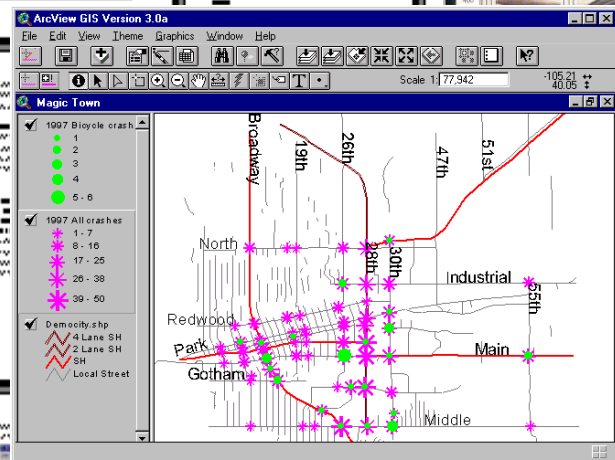
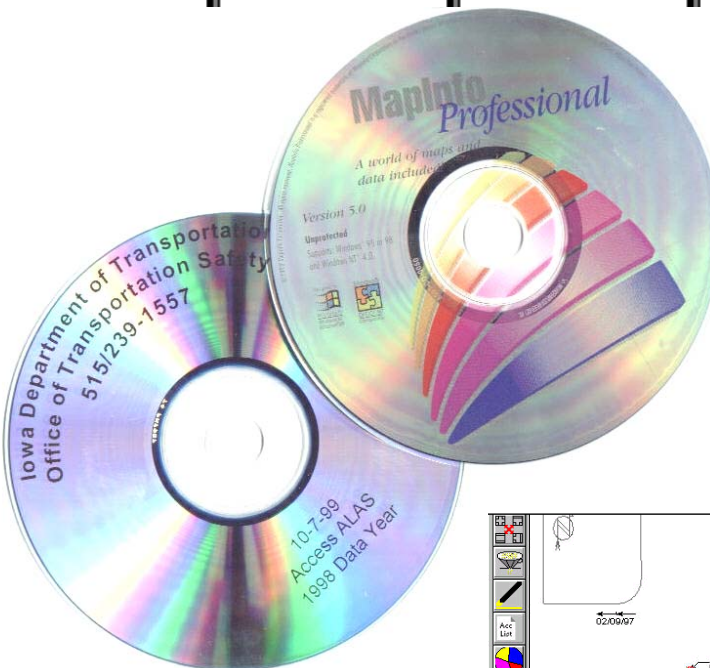


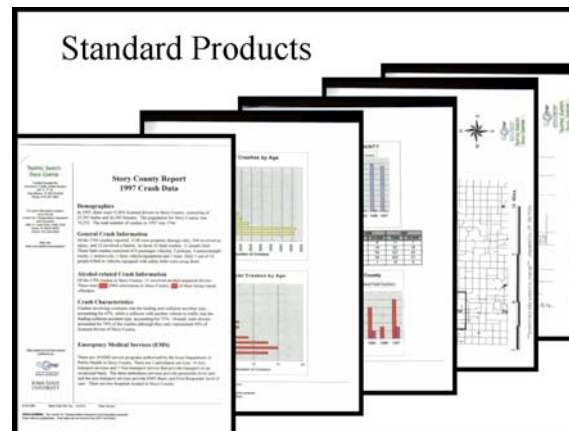
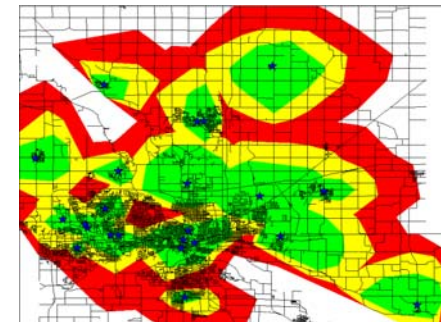
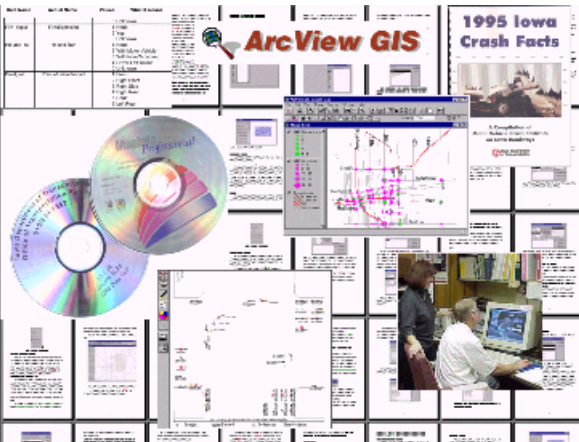
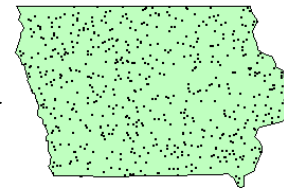
ArcView GIS

1995 Iowa Crash Facts



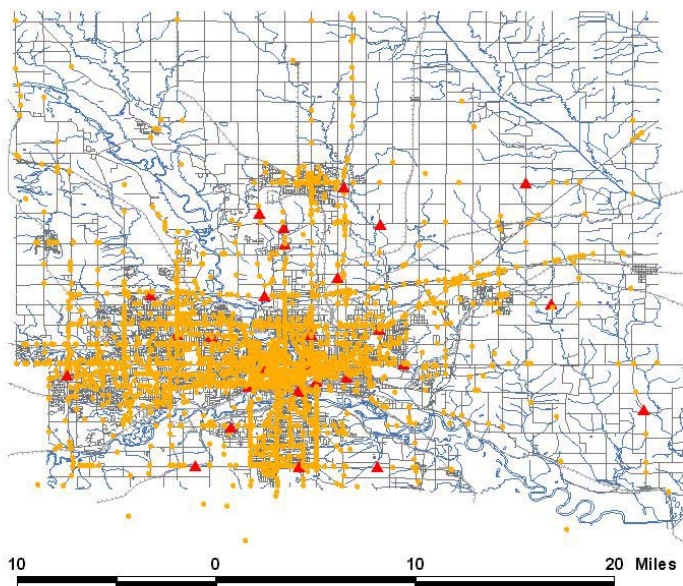
Compilation of
Iowa Crash Statistics
by Iowa Roadways
Iowa Department
of Transportation





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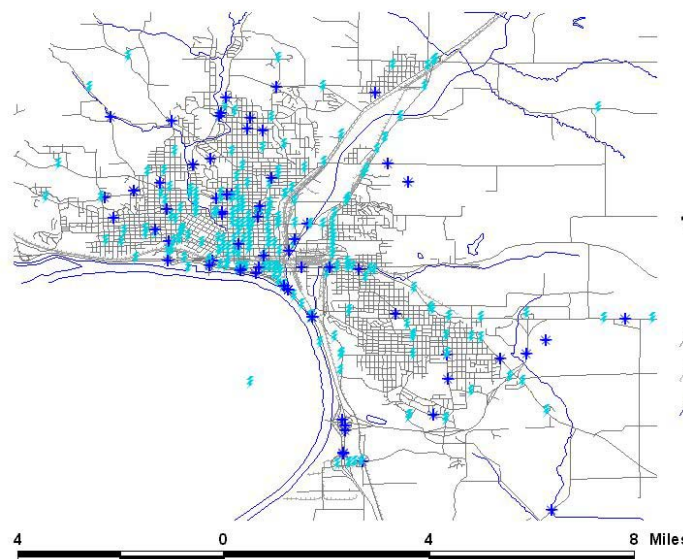


1996 Crashes
▲ Fatal
● Personal Injury
— Roads
— Railroads
— Hydrology

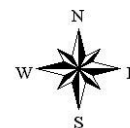


GIS Accident Location and Analysis System (GIS-ALAS)

Woodbury County Crashes Related to Surface Condition, 1996



1996 Crashes
⚡ Ice
★ Snow
— Roads
— Railroads
— Hydrology



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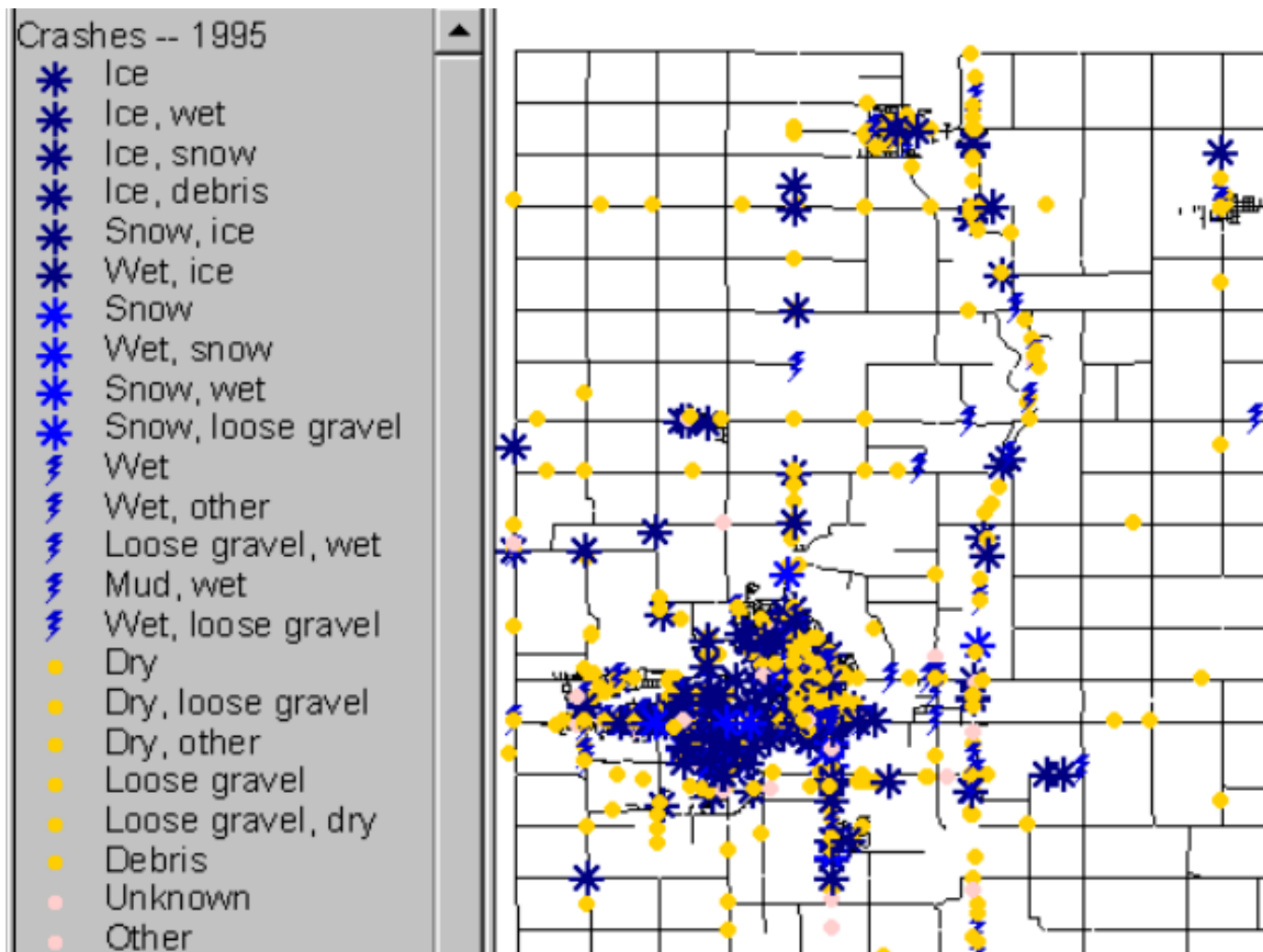
Standard Products



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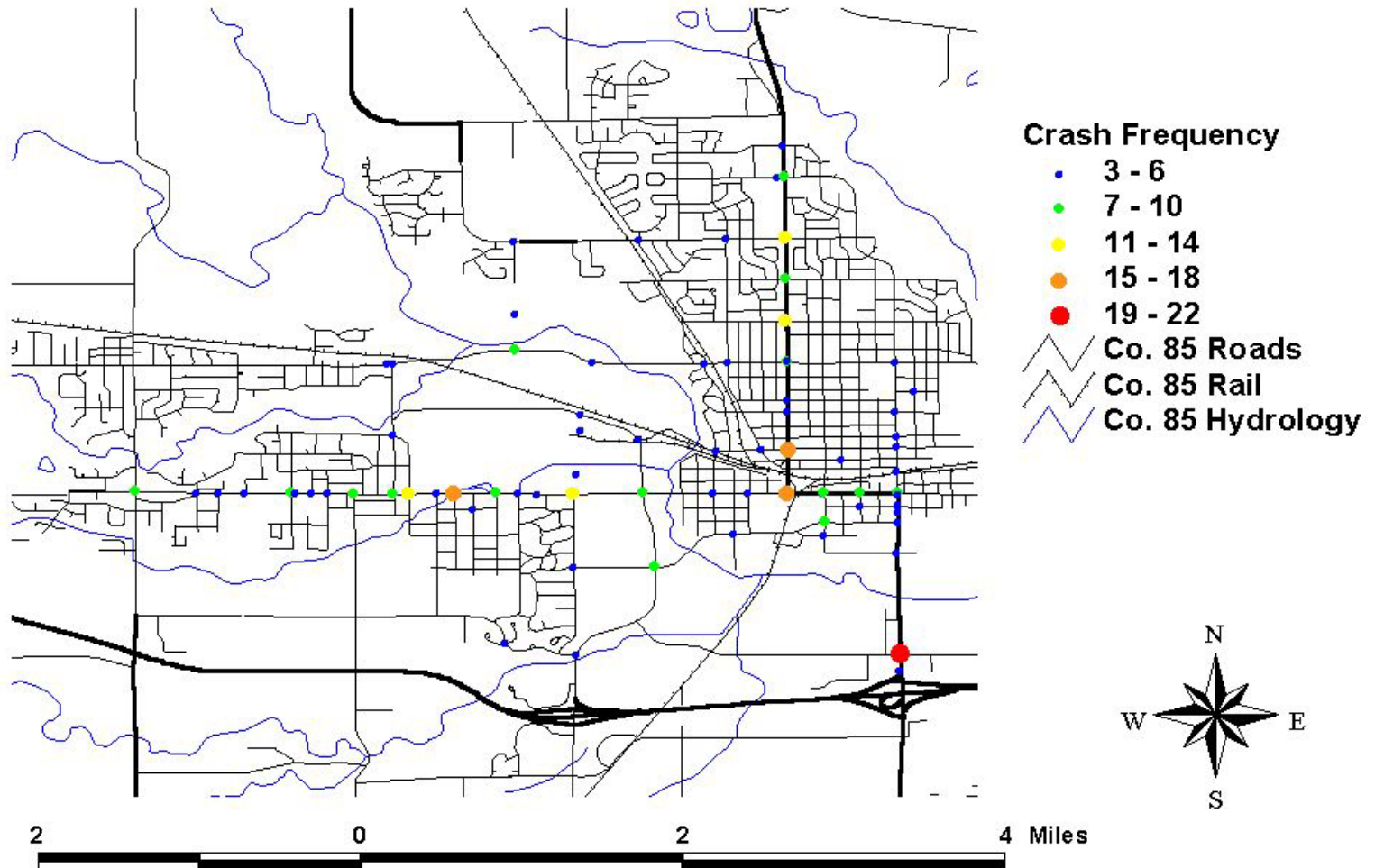
Thematic Map - Crashes by Surface Conditions



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High Crash Locations Ames, Iowa 1997

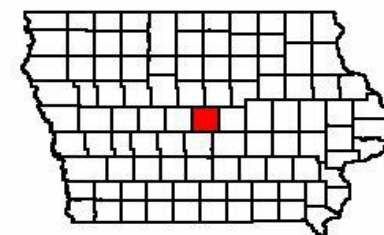
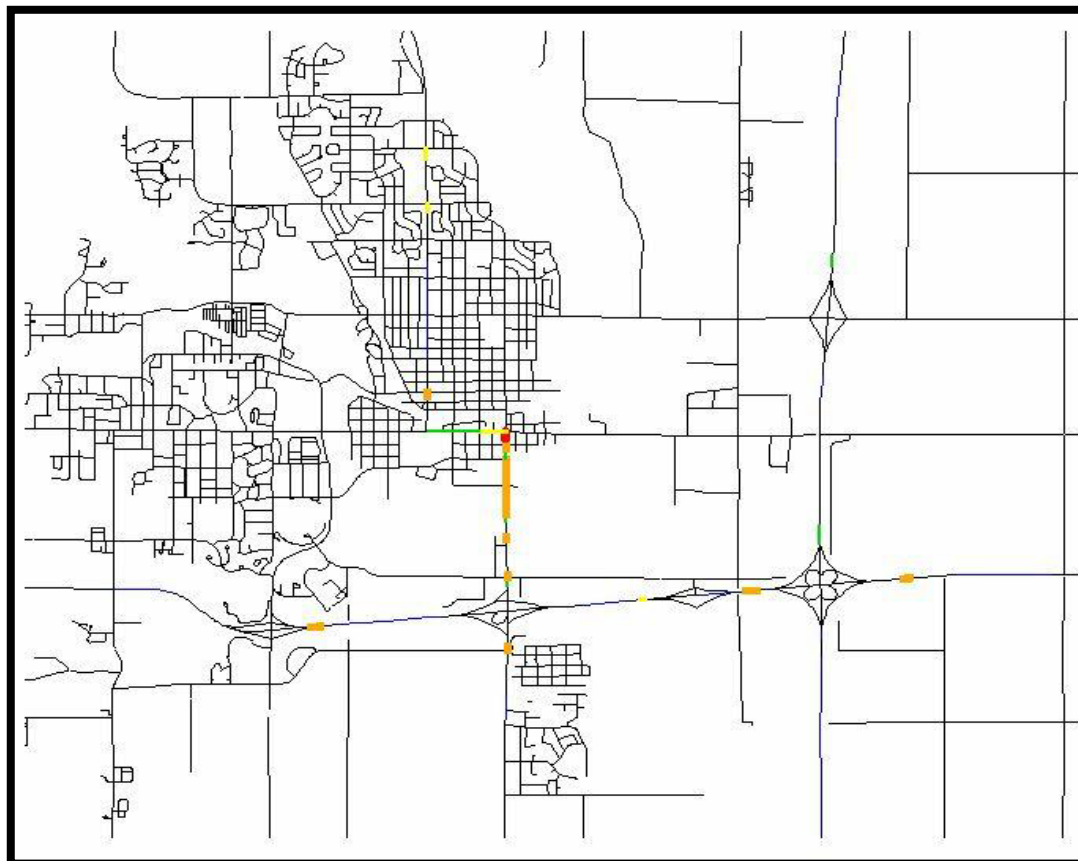


Center for Transportation
Research and Education

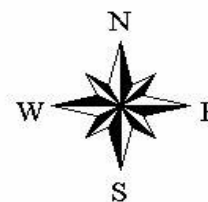
an Iowa State University center

Crash Rates on Major Roads

1994 Link-Based Crashes



Crash Rates on Major Roads



Center for Transportation
Research and Education

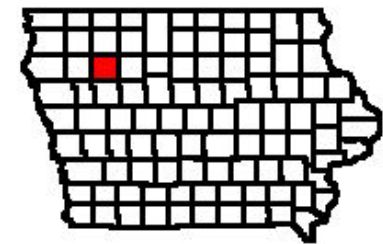
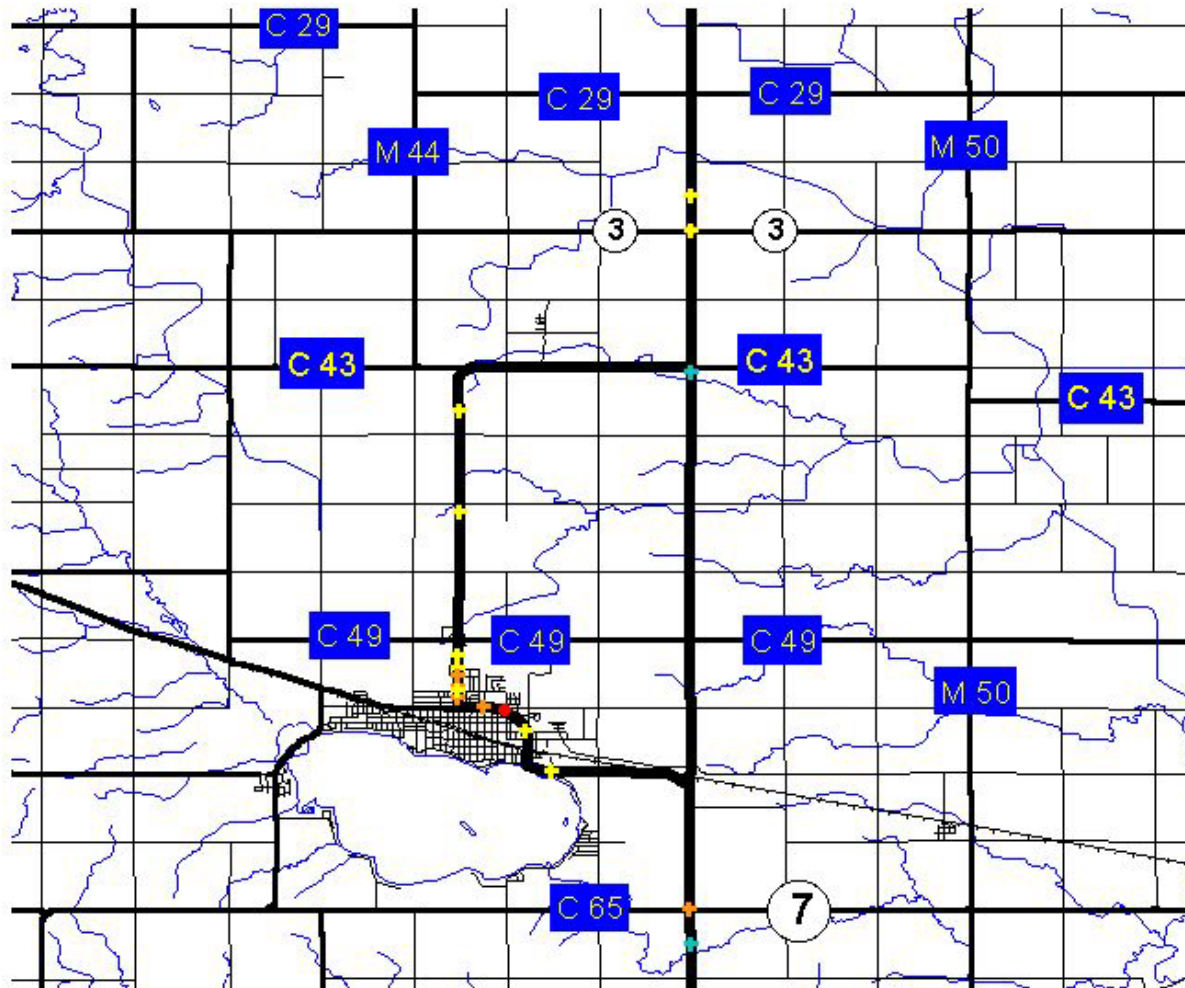
**TRAFFIC SAFETY
DATA SERVICE**



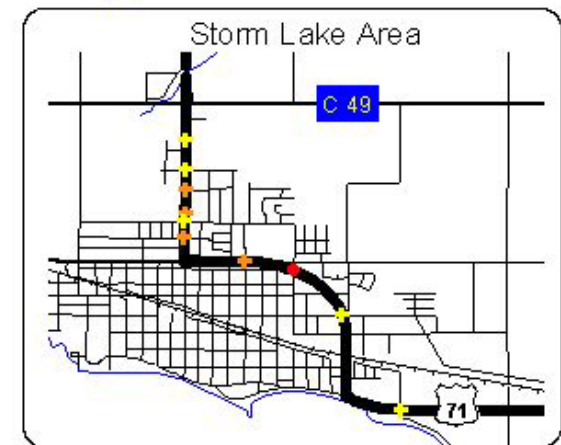
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Research and Education

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US 71 Corridor Enforcement 1995-1997 Buena Vista County



- Injury Severity
- Fatal (2)
 - Major Injury (15)
 - Minor Injury (43)
 - Possible Injury/Unknown (94)
- US 71
- Major Roads
- Roads
- Rail
- Hydrology



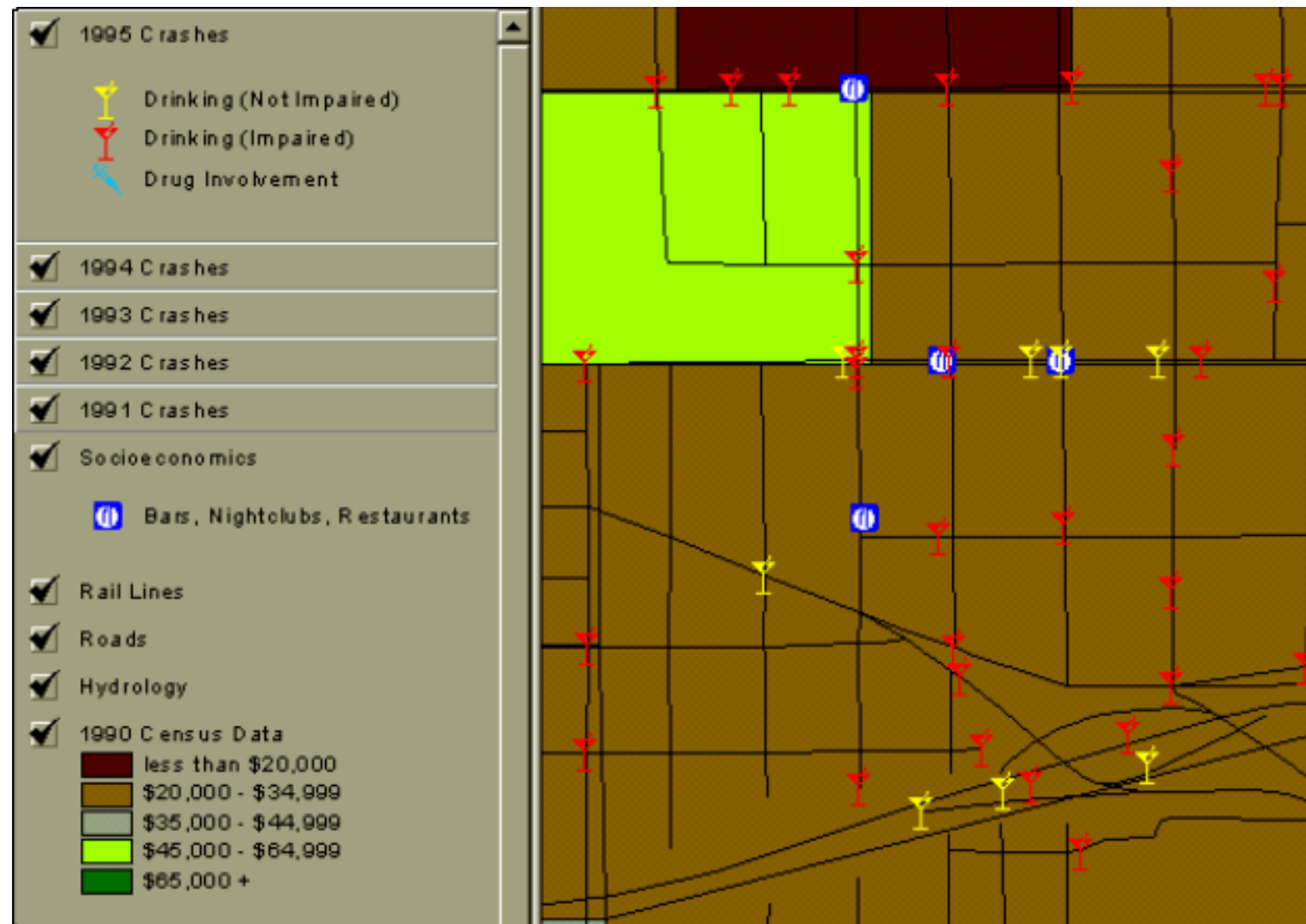
4 0 4 8 Miles

preliminary data subject to change, prepared by J.R. 3/13/00



**TRAFFIC SAFETY
DATA SERVICE**

Drug- and Alcohol-related Crashes in Des Moines (1991-1995)

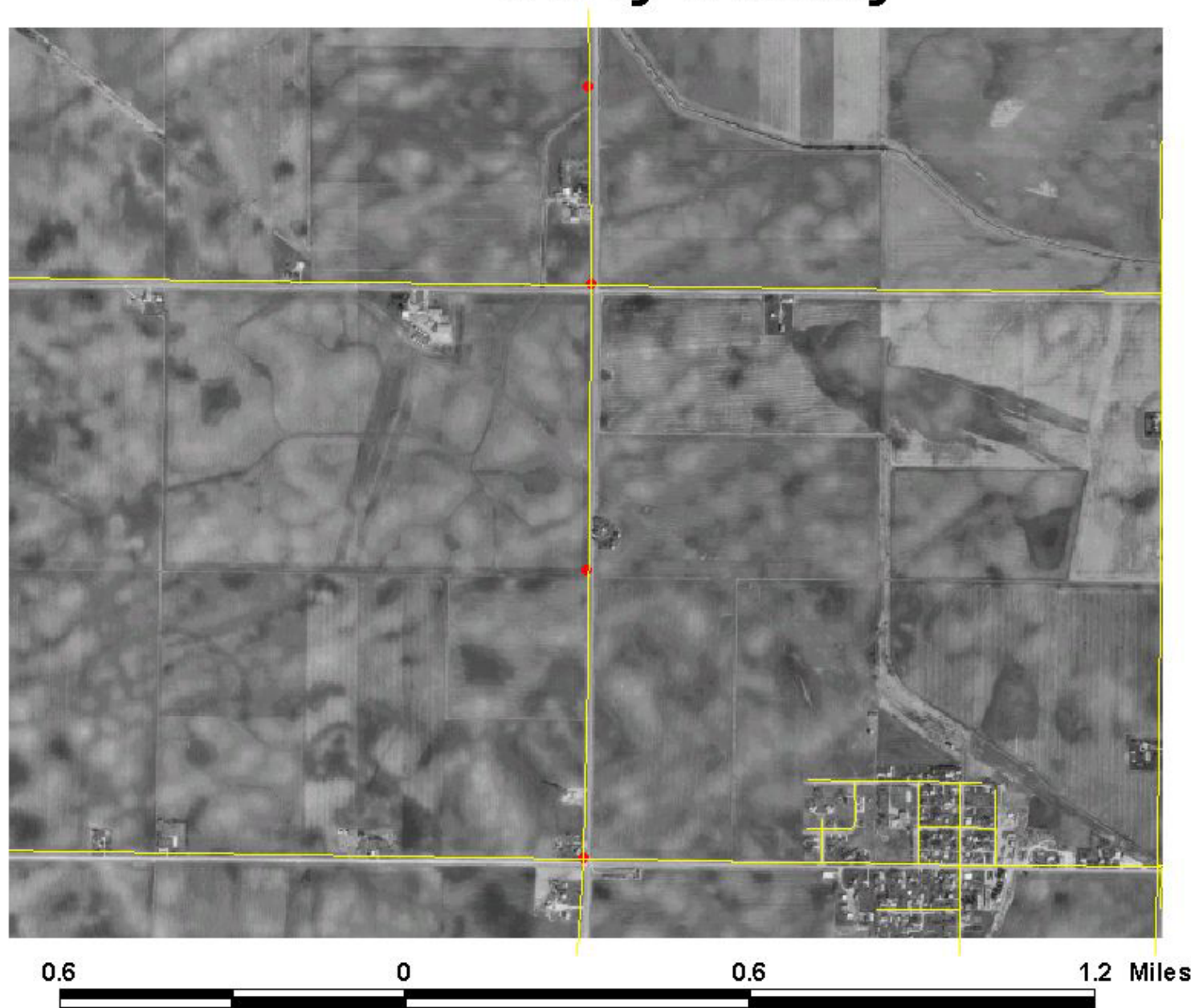


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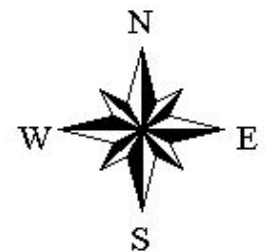
an Iowa State University center

1998 Fixed Object Crashes

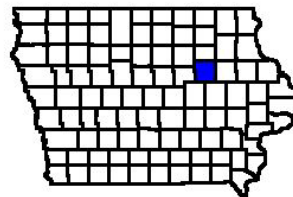
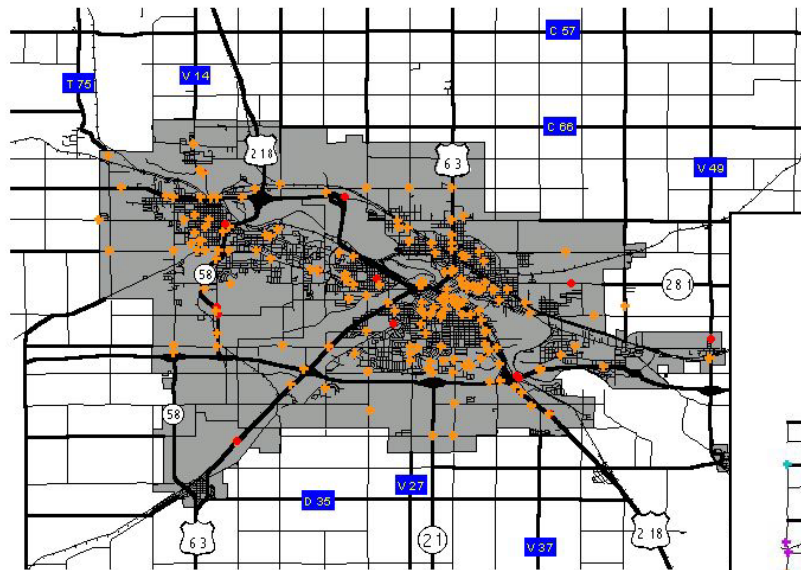
Story County



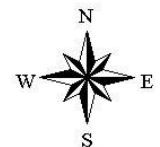
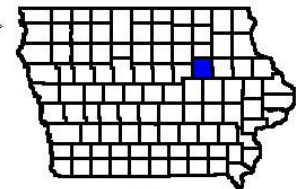
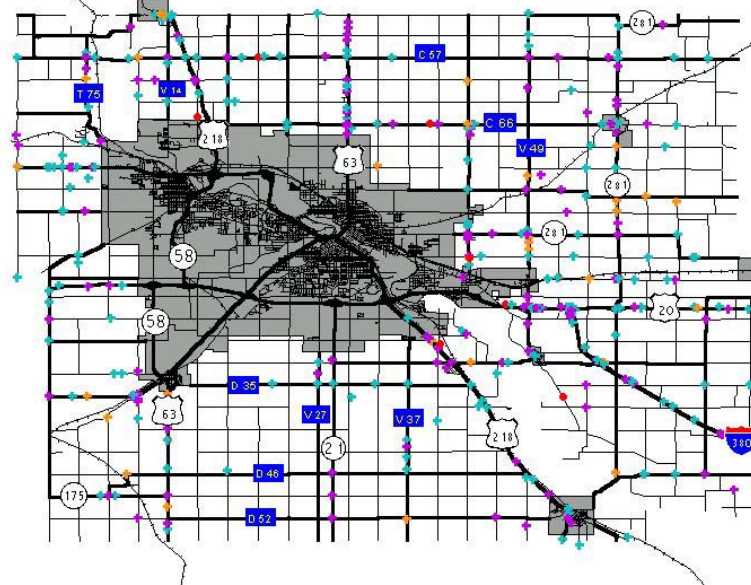
Co85_road.shp
Co85_1998_fixedobj.shp



Urban Crashes by Injury Severity 1996-1998 Black Hawk County



Crashes by Injury Severity 1996-1998 Black Hawk County



- Injury Severity**
- Fatal (12)
 - Major Injury (52)
 - Minor Injury (254)
 - Possible Injury (172)
- Major Roads**
- Roads**
- Rail**
- Corporate Boundaries**

**TRAFFIC SAFETY
DATA SERVICE**

10 0 10 20 Miles

*** preliminary data subject to change, prepared by J.R. 7/10/00 ***

-produced for Sgt. Baskerville,
Black Hawk Co. Sheriffs Office




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ERIS-Emergency Response Information System

Table2

General Description Personnel Availability Communications Service Sharing



ID

Service

Address 1

Address 2

City

Zipcode 5

Zip + 4

Contact

Phone

E-mail

EMS Director or Fire Chief

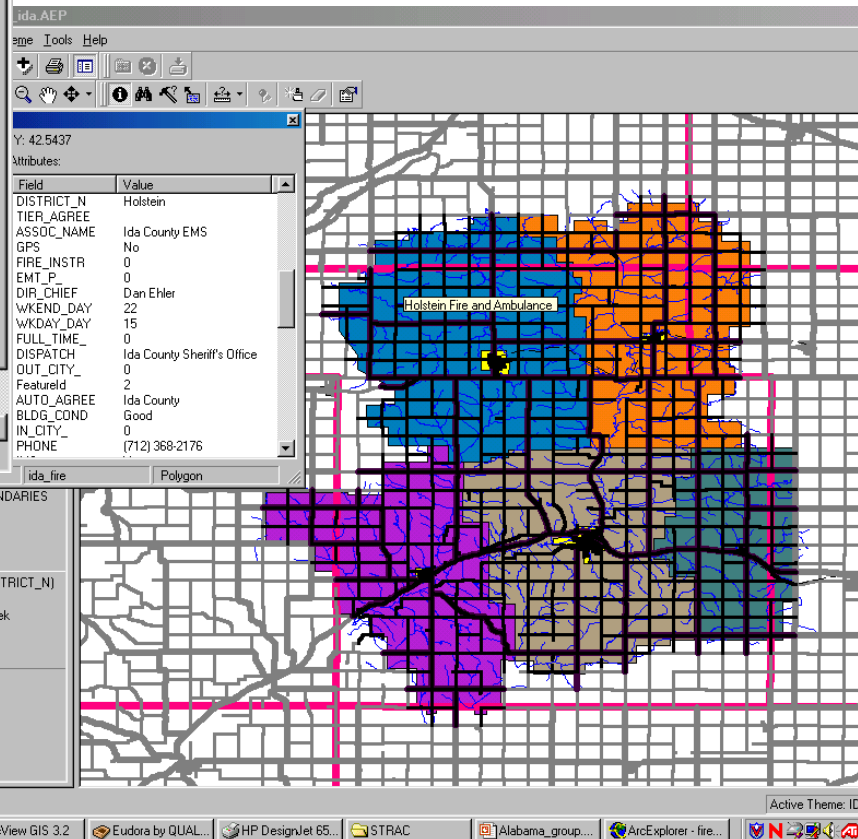
Director/Chief Phone

Service has a computer

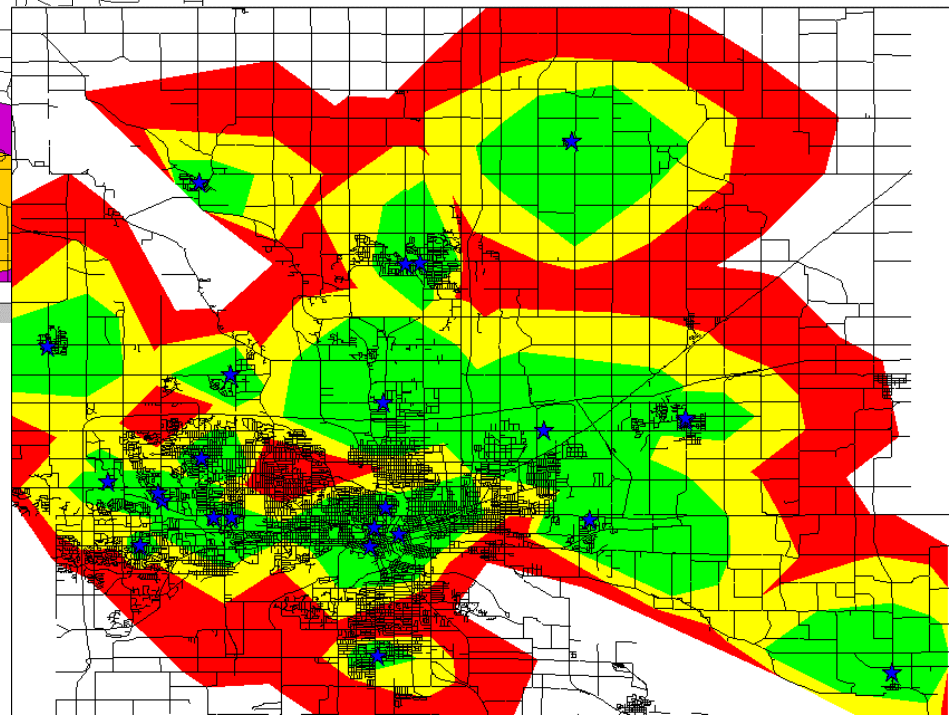
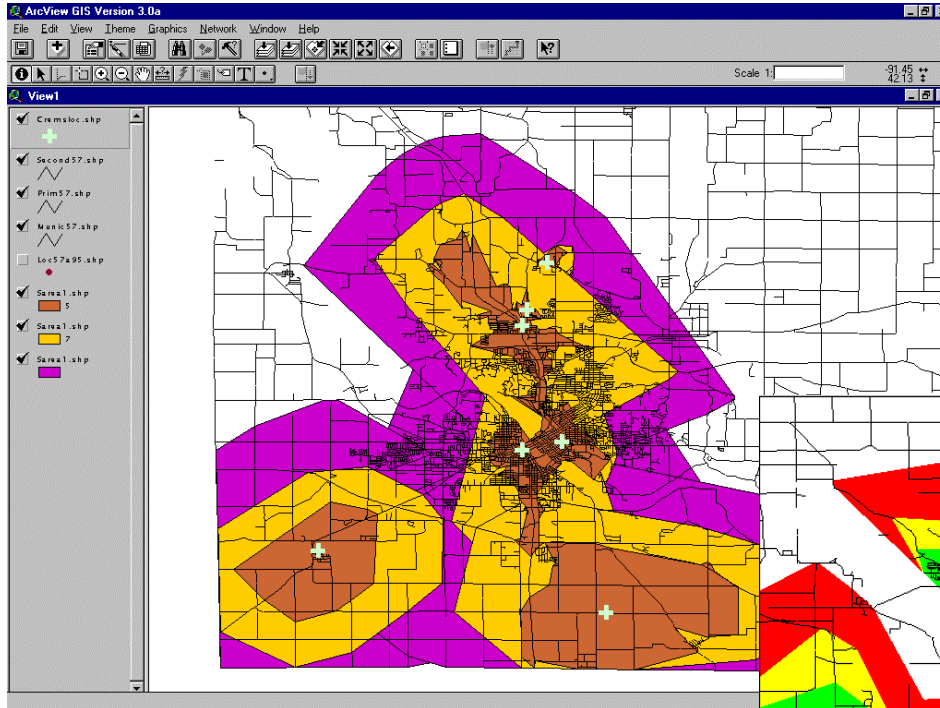
Vehicle Info

Equipment Info

Record: 1 of 8



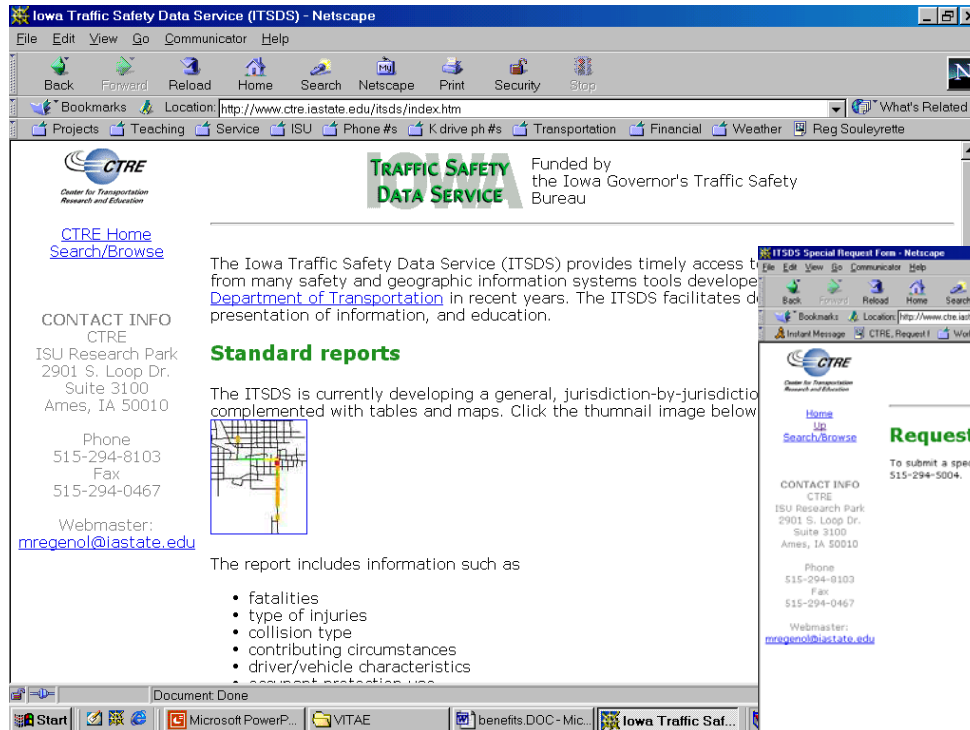
Emergency Response Times



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Hotline: (515) 294-5004



Iowa Traffic Safety Data Service (ITSDS) - Netscape

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Bookmarks Location: <http://www.ctre.iastate.edu/itsds/index.htm> What's Related

Projects Teaching Service ISU Phone #s K drive ph #s Transportation Financial Weather Reg Souleyrette

CTRE
Center for Transportation Research and Education

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[Search/Browse](#)

CONTACT INFO
CTRE
ISU Research Park
2901 S. Loop Dr.
Suite 3100
Ames, IA 50010

Phone
515-294-8103
Fax
515-294-0467

Webmaster:
mregeno@iastate.edu

TRAFFIC SAFETY DATA SERVICE Funded by the Iowa Governor's Traffic Safety Bureau

The Iowa Traffic Safety Data Service (ITSDS) provides timely access to data from many safety and geographic information systems tools developed by the Department of Transportation in recent years. The ITSDS facilitates the presentation of information, and education.

Standard reports

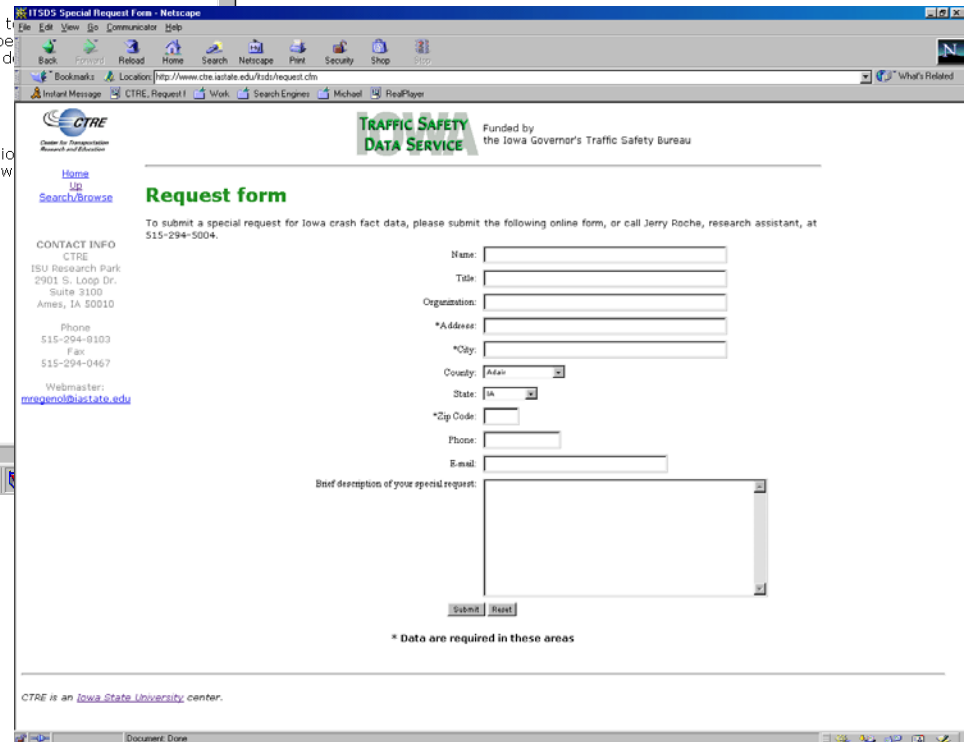
The ITSDS is currently developing a general, jurisdiction-by-jurisdiction report complemented with tables and maps. Click the thumbnail image below.

The report includes information such as

- fatalities
- type of injuries
- collision type
- contributing circumstances
- driver/vehicle characteristics
- equipment protection use

Document Done

Start Microsoft PowerP... VITAE benefits.DOC - Mic... Iowa Traffic Saf...



ITSDS Special Request Form - Netscape

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Bookmarks Location: <http://www.ctre.iastate.edu/itsds/request.htm> What's Related

Instant Message CTRE Request I Work Search Engines Michael RealPlayer

CTRE
Center for Transportation Research and Education

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TRAFFIC SAFETY DATA SERVICE Funded by the Iowa Governor's Traffic Safety Bureau

Request form

To submit a special request for Iowa crash fact data, please submit the following online form, or call Jerry Roche, research assistant, at 515-294-5004.

CONTACT INFO
CTRE
ISU Research Park
2901 S. Loop Dr.
Suite 3100
Ames, IA 50010

Phone
515-294-8103
Fax
515-294-0467

Webmaster:
mregeno@iastate.edu

Name:

Title:

Organization:

*Address:

*City:

County:

State:

*Zip Code:

Phone:

E-mail:

Brief description of your special request:

* Data are required in these areas

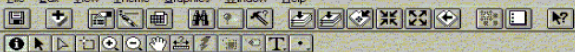
CTRE is an Iowa State University center.

Document Done



E-mail: itsds@iastate.edu
Web: www.ctre.iastate.edu/itsds

an Iowa State University center



US 67 Corridor near I-80 Interchange
outside Le Claire, Iowa

Scale 1:5,246

710 397.64
4 508 206.03

View1

- ✓ Z82x 1998.shp
- ✓ Z82x 1997.shp
- ✓ Z82x 1996.shp
- ✓ Z82x 1995.shp
- ✓ Z82x 1994.shp
- ✓ Z82x 1993.shp
- ✓ Z82x 1992.shp
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1998059942 (10/22/98)

1 - 1998
1998059871 (11/02/98)

1 - 1994
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LeClaire, IA
19 Accidents

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01/01/94 - 12/31/98



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96-800047 01/20/1998

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94-400443 07/15/1994
94-400177 02/25/1994
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94-400339 05/30/1994
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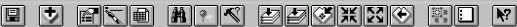
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Center for Transportation
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GIS-ALAS, Intersection
Magic, and Access-ALAS

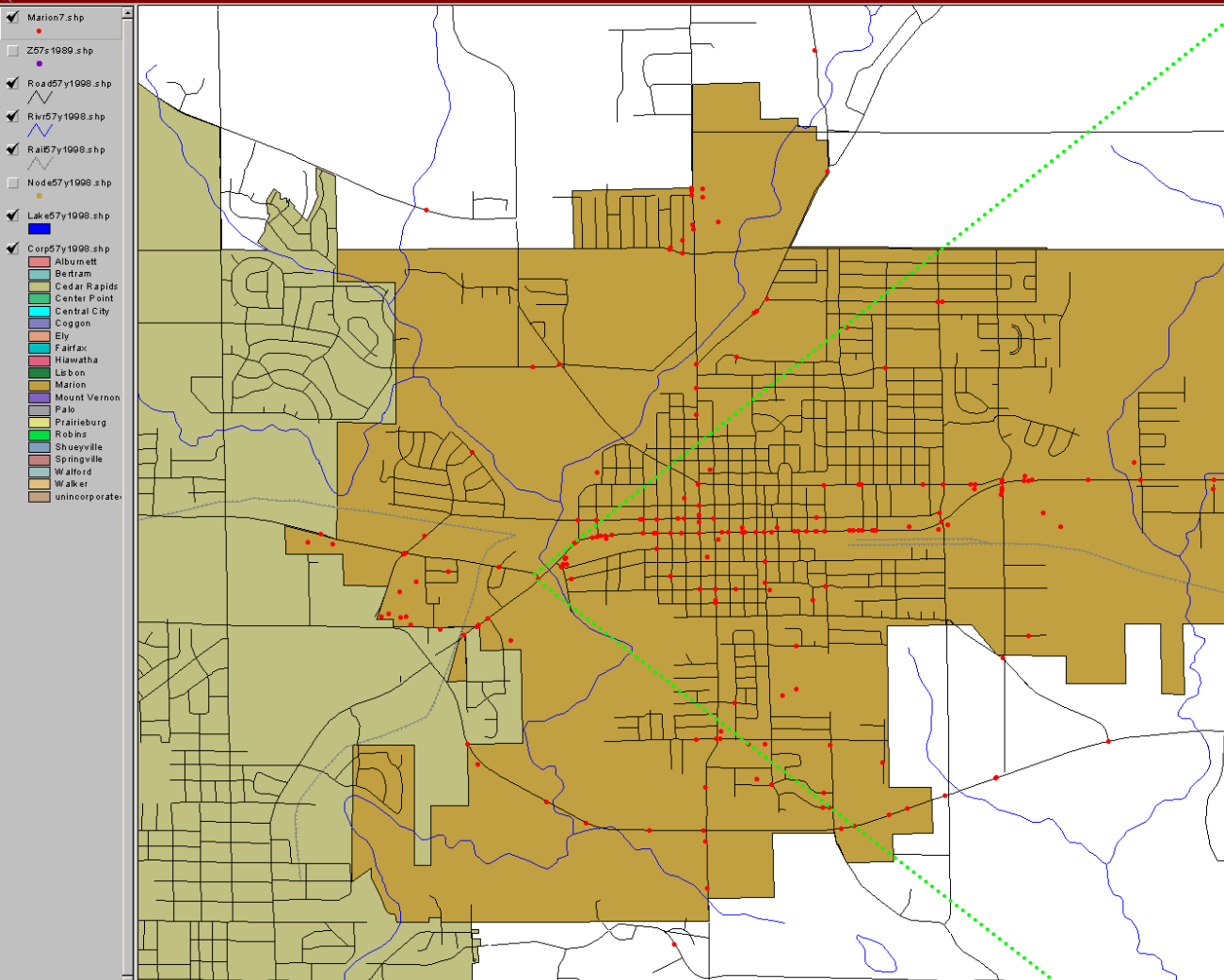
an Iowa State University center



Scale 1:23,723

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View1



Identify Results

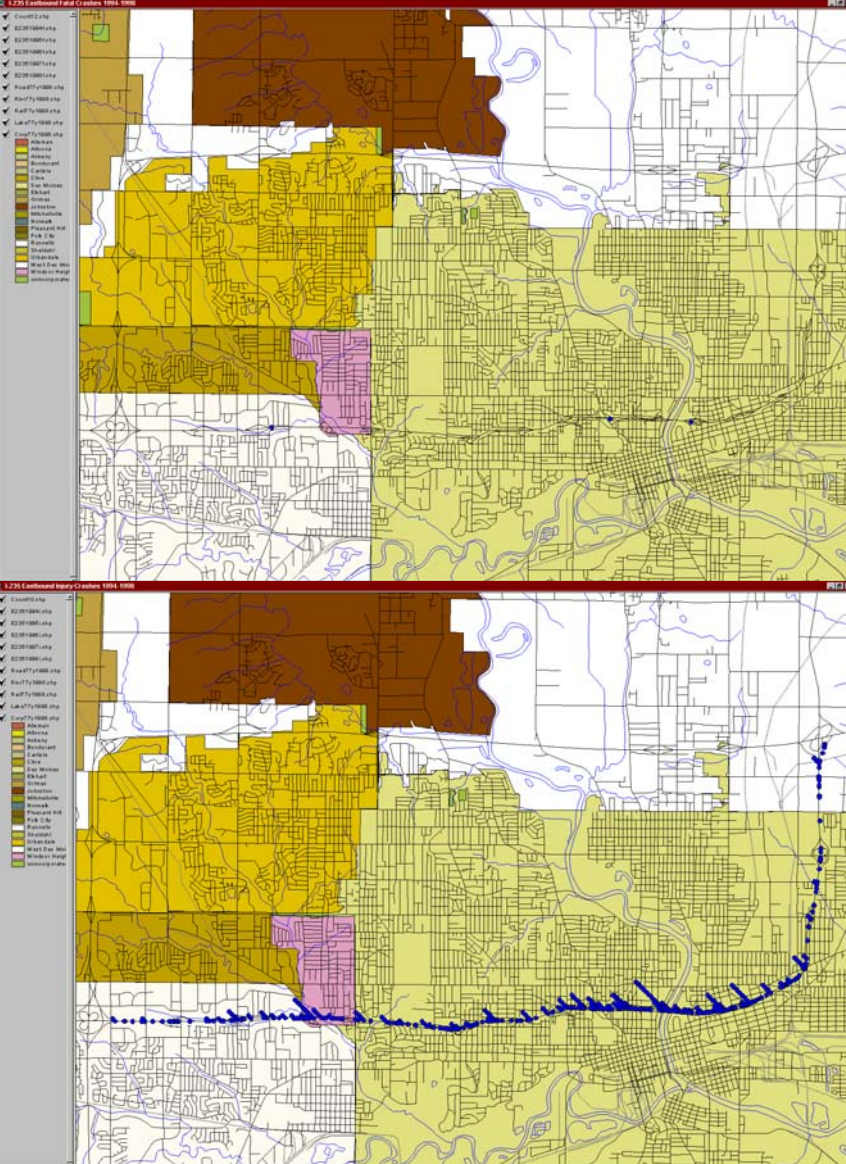
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	Numinjured	1
	Numvehicle	2
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	Eventtime	18991230
	Damageamou	3000
	Reportdate	20000311
	Timenotli	18991230
	Timearive	18991230
	Reviewedby	Holland, Richard
	Reviewdate	20000913
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	Investmade	1
	Investcomp	1
	Accidentlo	1
	Accidentty	11
	Roadgeom	8
	Roadcharac	12
	Locality	4
	Light	4
	Collision	03
	Weather	1
	Agencyphon	319-377-1511
	Rejection	
	Accidentco	57
	Accidentci	4775
	Milesoutci	
	Directoutc	
	Nearestcit	
	Road	
	Roadclass	4
	Intersect	MARION BLVD
	Intersectr	2
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	Locdir1	
	Locdist2	
	Locdir2	
	Localn mile	
	Localndefi	
	Narrative	0000000146
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	Driverkey	Col00000000000531U0CHEZ
	Dwnerkey	Col00000000000531U0CHEZ
	Vehiclekey	Col00000000000531U0CHFOL
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	Citcharge1	
	Citnumber2	
	Citcharge2	
	Citnumber3	
	Citcharge3	
	Removedby	OWNER
	Removedto	MERCY HOSPITAL
	Repaircost	1000
	Specialuse	1
	Numoccupan	2
	Veh_attach	01
	Fire	1
	Hitrn	1
	Removalaut	2
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Center for Transportation
Research and Education

Marion, IA Year 2000
TRACS Data

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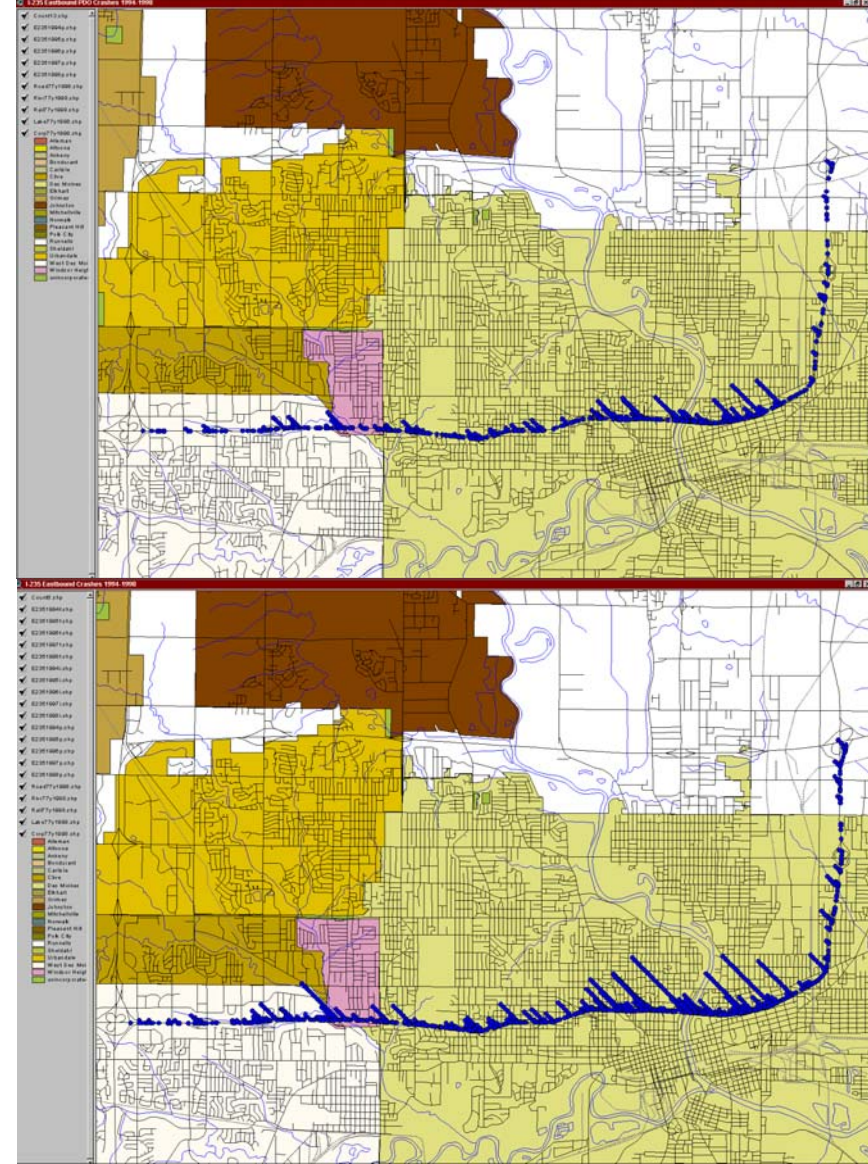


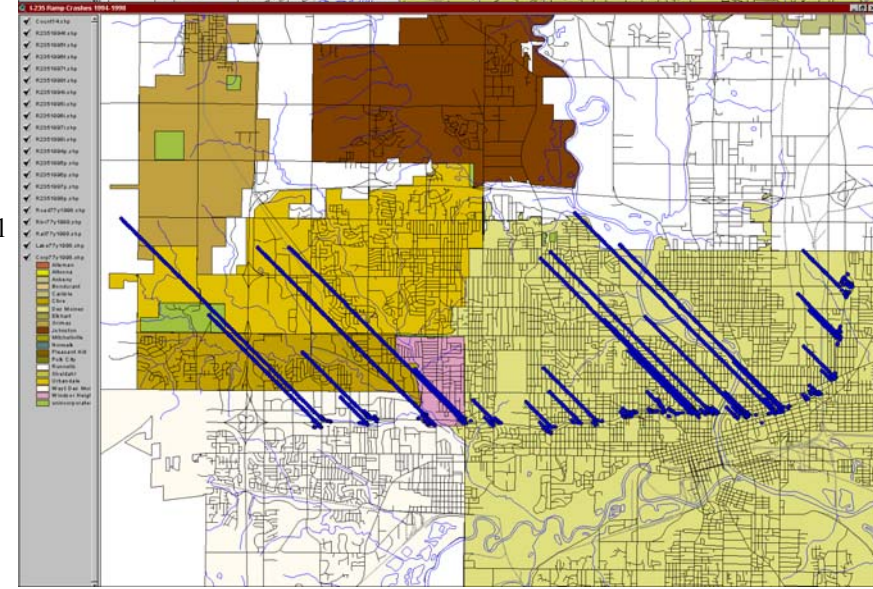
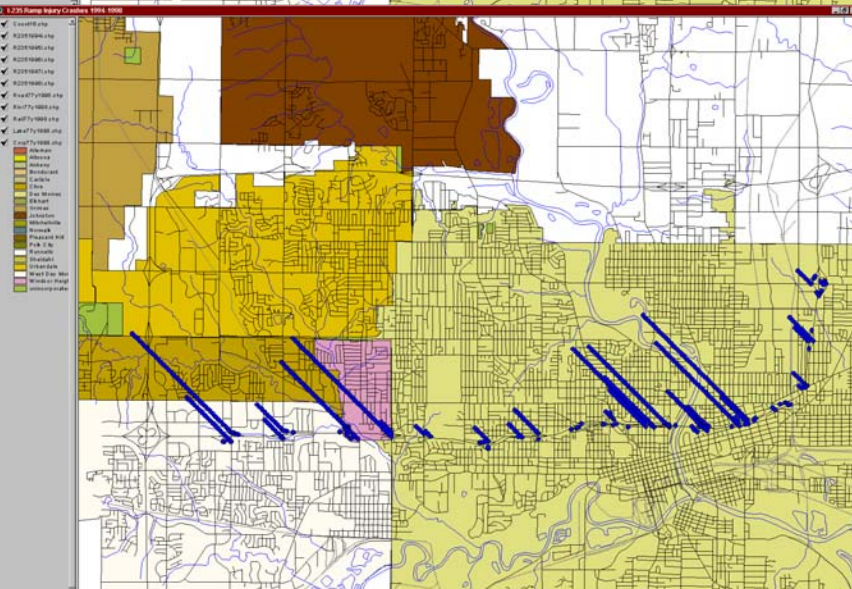
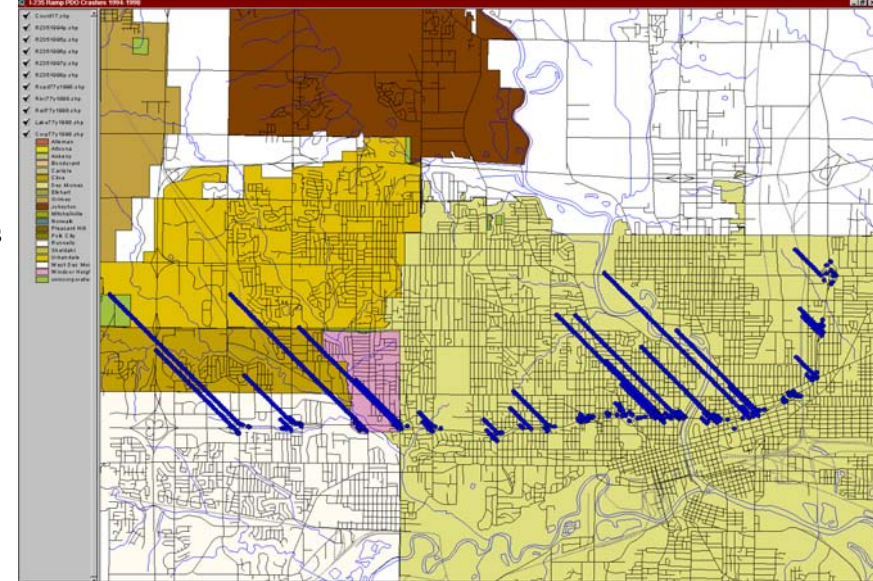
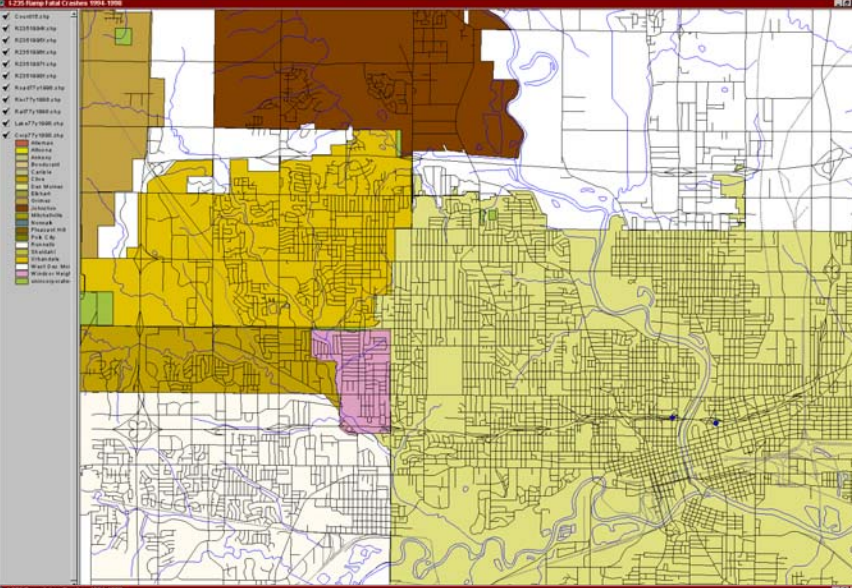
Fatals

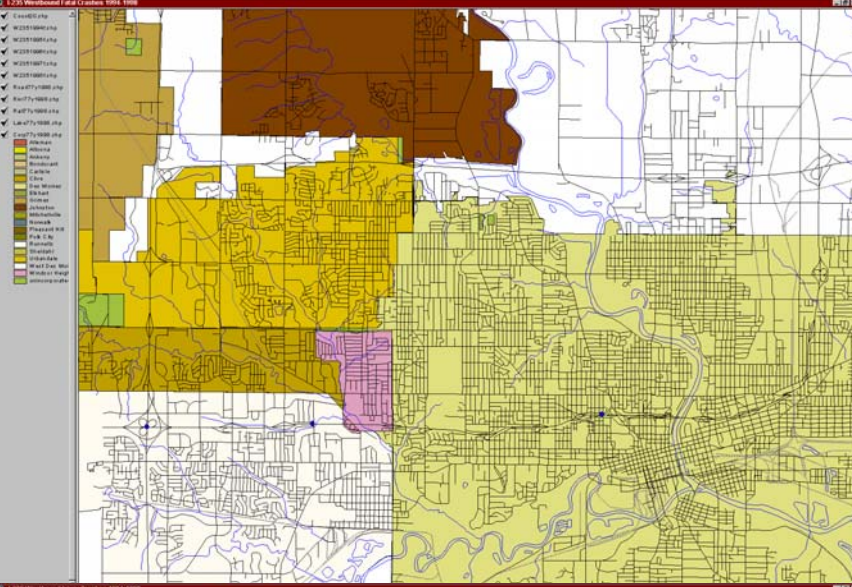
PDOs

Injuries

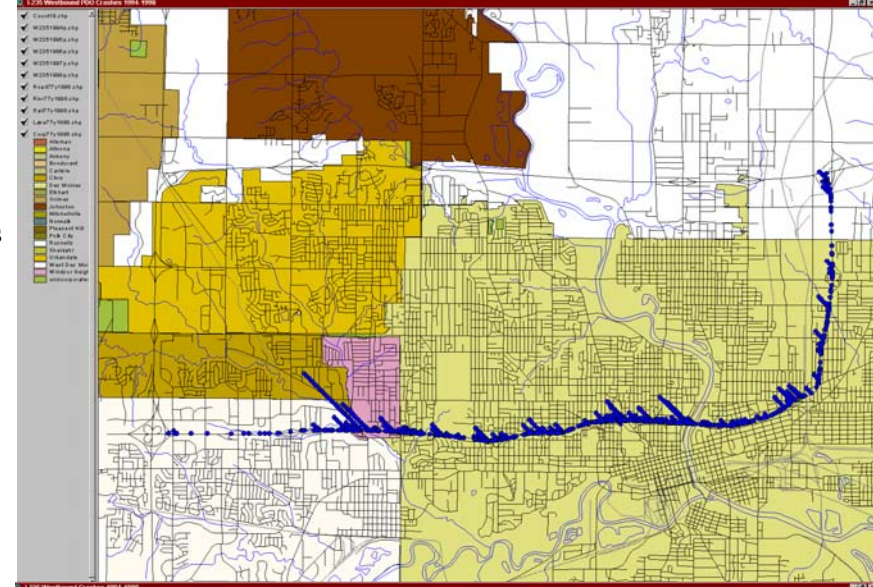
Overall



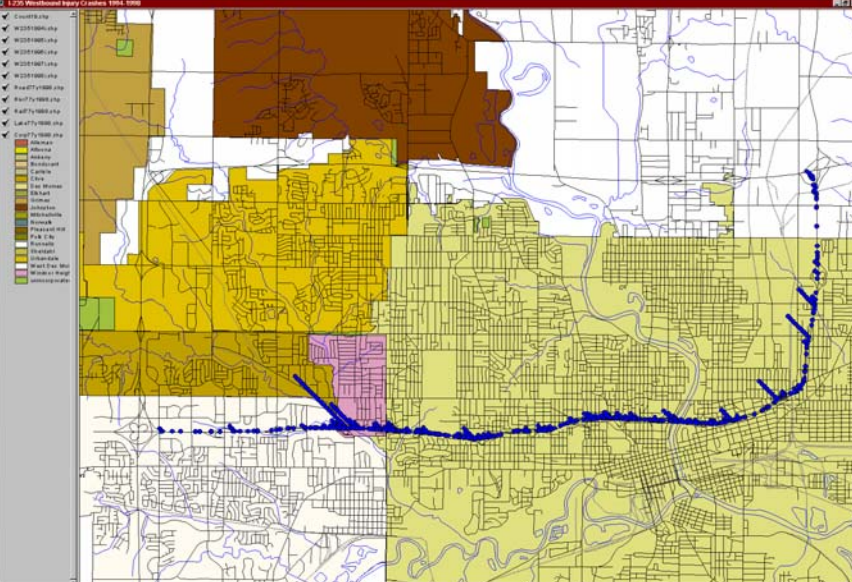




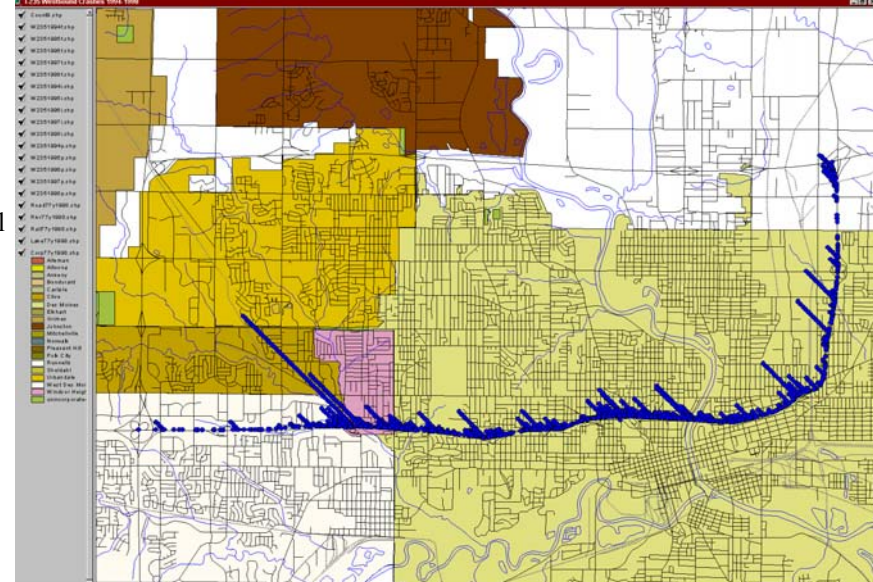
Fatals



PDOs



Injuries



Overall

1989-1998 Gender Based Injury Severity Information

Produced by:

**TRAFFIC SAFETY
DATA SERVICE**

With assistance from:



1998 Injury Severity By County									
County	County Name	Total Fatalities	Total Injuries	Gender	Fatal Injuries	Major Injuries	Minor Injuries	Possible Injuries	Unknown Injuries
1	ADAIR	4	113	Male	2	5	28	14	7
				Female	2	15	23	15	6
2	ADAMS	1	27	Male	1	2	7	0	0
				Female	0	2	11	5	0
3	ALLAMAKEE	6	101	Male	5	7	33	11	8
				Female	1	2	17	19	4
4	APPANOOSE	3	164	Male	2	13	39	34	2
				Female	1	11	32	30	3
5	AUDUBON	0	87	Male	0	6	28	7	1
				Female	0	8	22	15	0
6	BENTON	6	205	Male	3	15	67	33	3
				Female	3	9	50	23	5
7	BLACK HAWK	12	1613	Male	8	62	259	302	56
				Female	4	62	318	487	67
8	BOONE	4	226	Male	3	15	49	42	2
				Female	1	14	56	38	10
9	BREMER	8	221	Male	5	7	52	33	6
				Female	3	14	47	54	8
10	BUCHANAN	2	172	Male	1	12	42	28	1
				Female	1	9	37	36	7
11	BUENA VISTA	3	248	Male	3	17	47	46	9
				Female	0	8	46	68	7
12	BUTLER	4	135	Male	2	12	26	24	4
				Female	2	4	37	25	3
13	CALHOUN	3	125	Male	2	8	27	19	2
				Female	1	9	32	22	6
14	CARROLL	2	236	Male	2	7	43	43	17
				Female	0	6	47	61	12
15	CASS	3	212	Male	1	18	44	35	8
				Female	2	12	39	52	4
16	CEDAR	2	199	Male	2	3	49	31	3
				Female	0	8	56	42	7
17	CERRO GORDO	13	700	Male	10	36	125	126	15
				Female	3	33	116	225	24
18	CHEROKEE	3	146	Male	1	8	33	30	6
				Female	2	6	26	33	4
19	CHICKASAW	0	100	Male	0	11	23	9	7
				Female	0	6	21	17	6
20	CLARKE	2	173	Male	2	6	37	29	4
				Female	0	5	43	47	2
21	CLAY	2	282	Male	1	7	53	59	8
				Female	1	10	50	89	6
22	CLAYTON	5	212	Male	5	18	60	38	5
				Female	0	8	53	28	2
23	CLINTON	6	751	Male	3	32	132	128	44
				Female	3	24	154	207	30
24	CRAWFORD	2	203	Male	1	11	44	36	10
				Female	1	8	32	49	13
25	DALLAS	11	344	Male	7	23	78	67	11
				Female	4	12	63	72	18
26	DAVIS	2	92	Male	1	5	31	9	1
				Female	1	9	28	9	0



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Workzone Crash Summary 1994-1998									
	# of Crashes	# of Vehicles	# of Fatal Crashes	# of Injury Crashes	# of PDO Crashes	# of Fatalities	# of Injuries	# of Major Injuries	# of Minor Injuries
1994	343	625	6	139	198	8	227	19	76
1995	373	645	1	169	203	1	266	23	91
1996	368	621	2	150	216	2	243	31	82
1997	353	628	7	151	195	10	258	21	74
1998	282	509	7	121	154	9	196	24	80
Total	1719	3028	23	730	966	30	1190	118	403
Mean	343.80	605.60	4.60	146.00	193.20	6.00	238.00	23.60	80.60
Std. Dev.	36.55	54.77	2.88	17.64	23.34	4.18	27.81	4.56	6.62

Workzone Crash Summary 1994-1998											
	0000-0059	0100-0159	0200-0259	0300-0359	0400-0459	0500-0559	0600-0659	0700-0759	0800-0859	0900-0959	1000-1059
Sunday	0	1	4	3	1	2	1	3	4	0	2
Monday	0	2	1	1	1	3	4	11	10	12	10
Tuesday	4	3	3	0	3	2	5	13	11	9	17
Wednesday	1	3	0	0	1	4	3	17	15	19	15
Thursday	1	2	2	2	1	2	7	10	15	21	10
Friday	2	3	3	2	1	3	6	19	13	10	18
Saturday	3	9	6	1	1	2	1	8	10	9	13
Total	11	23	19	9	9	18	27	81	78	80	89
Mean	2.20	4.60	3.80	1.80	1.80	3.60	5.40	16.20	15.60	16.00	17.80
Std. Dev.	1.66	2.99	2.30	1.24	0.94	1.36	2.87	7.37	6.14	8.56	8.13

	1200-1259	1300-1359	1400-1459	1500-1559	1600-1659	1700-1759	1800-1859	1900-1959	2000-2059	2100-2159	2200-2259	2300-2359	Total	Mean	Std. Dev.
Sunday	7	8	8	17	11	15	13	10	3	6	2	8	138	5.75	4.86
Monday	21	25	21	23	24	25	9	5	4	9	3	4	247	10.29	8.80
Tuesday	17	11	22	15	17	16	16	13	9	7	4	2	242	10.08	6.79
Wednesday	21	28	16	14	24	22	7	12	8	3	6	2	230	11.56	6.56
Thursday	23	17	24	21	33	35	14	6	6	6	6	6	230	11.56	6.56
Friday	13	14	26	38	32	30	26	12	7	6	6	6	230	11.56	6.56
Saturday	17	10	14	16	8	12	9	4	7	6	6	6	230	11.56	6.56
Total	119	113	131	144	149	155	94	62	44	7	7	7	138	5.75	4.86
Mean	23.80	22.60	26.20	28.80	29.80	31.00	18.80	12.40	8.80	3.46	3.46	3.46	23.80	22.60	26.20
Std. Dev.	9.20	10.38	10.28	12.19	13.38	12.75	8.64	5.37	3.46	3.46	3.46	3.46	9.20	10.38	10.28

Workzone Crash Summary 1994-1998											
	January	February	March	April	May	June	July	August	September	October	November
Sunday	5	4	10	18	32	39	43	67	44	48	44
Monday	3	4	9	13	39	52	60	62	48	48	44
1996	2	6	6	26	24	67	57	64	42	42	42
1997	10	3	4	20	47	67	36	60	43	43	43
1998	2	4	3	12	31	33	64	35	42	42	42
Total	22	21	32	89	175	278	260	288	219	219	219
Mean	4.40	4.20	6.40	17.80	34.60	55.60	52.00	57.60	43.80	43.80	43.80
Std. Dev.	3.36	3.10	3.05	5.67	8.73	14.10	11.94	12.90	2.49	2.49	2.49

Workzone Crash Summary
1994-1998

January February March April May June July August September October November December

1 2 0 2 1 4 8 11 9 9 2 8 2

2 1 2 2 2 6 10 6 14 8 7 2 3

3 1 0 1 2 4 13 9 8 7 6 4 1

4 0 1 1 1 3 11 1 10 7 9 1 1

5 0 1 0 1 9 10 2 10 6 8 6 3

6 0 1 0 1 6 9 4 9 7 7 7 7

7 0 1 0 5 3 8 8 10 3 3 3 3

8 0 0 1 0 7 11 8 6 9 6 9 6

9 0 1 0 2 9 6 4 13 7 8 7 7

10 1 0 0 3 9 11 7 7 7 7 7 7

11 0 0 2 11 16 7 13 7 7 7 7 7

12 0 1 0 3 6 10 8 8 12 8 12 8

13 0 2 1 3 6 11 7 13 8 8 8 8

14 1 1 1 6 6 4 5 9 12 9 12 9

15 0 0 0 1 7 8 12 9 5 8 5 8

16 1 0 2 6 6 5 8 7 15 7 15 7

17 2 0 4 2 4 11 11 15 4 4 4 4

18 0 1 0 3 6 9 5 9 8 8 8 8

19 1 2 4 5 4 5 9 7 9 9 9 9

20 1 0 2 3 6 13 16 9 6 6 6 6

21 2 2 2 1 3 8 4 11 4 4 4 4

22 1 0 0 3 7 6 7 8 7 8 7 7

23 0 2 1 0 5 7 12 12 9 9 9 9

24 1 1 0 0 1 7 6 10 9 9 9 9

25 1 0 0 9 7 7 12 12 6 6 6 6

26 0 0 1 2 10 20 12 7 4 4 4 4

27 0 1 0 7 5 12 5 5 5 5 5 5

28 1 1 1 5 6 8 14 5 4 4 4 4

29 1 1 1 5 6 6 7 13 8 8 8 8

30 0 NA 4 5 4 10 13 6 4 4 4 4

31 1 NA 1 3 NA 16 4 NA 4 4 4 4

Total 22 21 32 89 175 278 260 288 219 219 219 219

Mean 4.40 4.20 6.40 17.80 34.60 55.60 52.00 57.60 43.80 43.80 43.80 43.80

Std. Dev. 3.82 3.61 5.59 15.25 29.38 47.25 44.50 49.19 37.22 37.22 37.22 37.22

Workzone Crash Summary
1994-1998

Rural Urban

1994 137 206

1995 176 197

1996 155 213

1997 144 209

1998 106 176

Total 718 1001

Mean 143.60 200.20

Std. Dev. 25.68 14.75

Workzone Crash Summary
1994-1998

1994 1995 1996 1997 1998 Total Mean Std. Dev.

Head-on 6 4 5 5 4 24 4.80 0.84

Broadside/Left Turn 8 11 12 12 15 59 11.80 2.58

Rear End 146 170 139 142 115 712 142.40 19.60

Rear End/Right Turn 2 2 1 2 2 11 2.20 0.84

Rear End/Left Turn 8 3 4 3 5 23 4.60 2.07

Sideways/Opposite Direction 0 0 1 2 1 5 1.00 1.22

Sideways/Same Direction 11 7 7 11 11 47 9.40 2.18

Sideways/Right Turn 5 2 6 5 1 19 3.80 2.17

Sideways/Left Turn 8 5 9 7 4 33 6.60 2.07

Sideways/Dual Left Turn 1 0 0 1 2 4 0.80 0.84

Sideways/Dual Right Turn 0 1 1 2 0 4 0.80 0.84

Broadside/Right Angle 29 22 29 19 17 115 23.00 5.34

Broadside/Right Entering 0 2 2 1 1 6 1.20 0.84

Broadside/Left Entering 0 3 0 4 3 10 2.00 1.87

Head-on/Left Entering 2 8 9 4 7 30 6.00 2.92

Sideways/Both Left Turning 0 0 0 0 0 0 0.00 0.00

Other 58 52 60 46 34 250 50.00 10.49

Single 46 71 61 69 48 295 59.00 11.60

Pedestrian 4 3 4 1 4 16 3.20 1.30

Bicycle 0 0 1 1 0 2 0.40 0.55

Unknown 15 10 21 21 13 80 16.00 4.90

Total 349 377 374 359 286 1745 349.00 37.01

Mean 16.62 17.95 17.81 17.10 15.62

Std. Dev. 12.28 15.14 14.37 14.25 9.68

Workzone Crash Summary
1994-1998

1994 1995 1996 1997 1998 Total Mean Std. Dev.

Head-on 8 12 14 9 11 54 10.80 2.34

Rear End 156 176 144 147 123 746 149.20 19.25

Sideways 25 15 24 29 19 112 22.40 5.46

Broadside 37 38 45 36 34 190 38.00 4.18

Other 58 52 60 46 34 250 50.00 10.49

Single 46 71 61 69 48 295 59.00 11.60

Pedestrian 4 3 4 1 4 16 3.20 1.30

Bicycle 0 0 1 1 0 2 0.40 0.55

Unknown 15 10 21 21 13 80 16.00 4.90

Total 349 377 374 359 286 1745 349.00 37.01

Mean 38.70 41.89 41.56 39.89 31.70

Std. Dev. 21.51 25.58 22.90 22.09 17.30



Workzone Crashes 1994-1998

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